

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: daniel@pandora.lugs.org.sg (Daniel Wee, 9V1ZV)
Subject: [5119] (fwd) Wanted QRP Plus
Message-ID: <199611261512.XAA29928@mallow.singnet.com.sg>

Path: lantana.singnet.com.sg!violet.singnet.com.sg!news.vr.cyberway.com.sg!
news.sprintlink.net!news-stk-11.sprintlink.net!news.sprintlink.net!news-
hub.sprintlink.net!news.sprintlink.net!news-dc-2.sprintlink.net!cs.utexas.edu!
howland.erols.net!feed1.news.erols.com!news.dra.com!news.he.net!nr1.scn.co.jp!
news01.so-net.or.jp!infosphere!nag.avisnet.or.jp!xmng029!takeyasu
From: takeyasu@avisnet.or.jp (Takeyasu Sasagawa)
Newsgroups: rec.radio.swap
Subject: Wanted QRP Plus
From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5113] 30m band for DXCC? Yes.
Message-ID: <Pine.3.89.9611260842.E24459-0100000@w3eax.umd.edu>

Yes. No single-band awards, but for DXCC it's fine.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

On Tue, 26 Nov 1996, Brian Cieslak wrote:

> I know that the warc bands are ham radio holy ground not to be tread on
> by contestors, but what about awards??? Can I use those 30M DX contacts
> for my DXCC.
>
> Brian AE9K
>
>

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [5105] 40-9er kits? No, but the SST is coming soon....
Message-ID: <199611260759.XAA19866@mh1.well.com>

Sorry to say there are no more 40-9er kits, OM, but you'll be happy to know
that the replacement--the SST (Simple Superhet Transceiver)--will be
announced in the Spring QRPp. This is one of NorCal's next club projects.
The kits will actually be available somewhat sooner than that, perhaps as
early as late January or early February. It depends on how quickly I can
get un-buried from everything else!

If you have questions about the SST, you can send them to me. In brief, it's a superhet transceiver with VFO and up to 2 watts output, probably offered for 40m but will work on other bands. It has full QSK, simple AGC, and coverage of about 20kHz or more. It will come either as a PC board and parts only or complete with a custom cabinet (about 1.3"H x 3"W x 3.5"D) and all controls and connectors. The club price will be quite reasonable.

73,
Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Ken Freedman" <n1qqv@cshore.com>
Subject: [5127] Adventure Radio Group
Message-ID: <199611261855.NAA65861@nss2.CC.Lehigh.EDU>

Can't seem to establish contact privately so, as a last resort, would someone let me know if the group has a newsletter? Apologies for the bandwidth...

Ken

Ken Freedman
AKA: N1QQV/QRP

VE, EC Madison CT

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: u1002895@warwick.net
Subject: [5140] contest rules
Message-ID: <329B9A96.7100@warwick.net>

Hi all; in the upcoming ARCI homebrew contest Dec 1 i think; there are lotsa bonus points for HB...my question...In this particular contest/sprint does the use of the kits I built, IE: OHR sprint 40 and OHR spirit 20; and HW-8 count as HB

xcvrs? tnx Jim KW3U

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [5118] CQ CQ Nebraska
Message-ID: <199611261511.AA19240@cardamom.unx.sas.com>

Gang,

Anybody on the list from Nebraska? If so please contact me. I have just Nebraska left for WAS and I am going to be moving in about a month and I really don't want to start over. I participated in November SS CW again this year and I thought for sure that I would find a Nebraska station, no joy!!

cheers - Warren

P.S. If anybody needs NC for WAS I would be happy to setup a schedule.

--

Warren E. Lewis	saswel@unx.sas.com
Technical Support Division	(919) 677-8001 x6542
SAS Institute Inc.	PP-ASEL
Cary, NC	AD4ZE QRP-L#78 DOD#0021

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5110] DC Area: QRP meeting at Capitals game???
Message-ID: <Pine.3.89.9611251429.C22399-0100000@w3eax.umd.edu>

I have a bunch of tix to the Capitals game this Friday night at 7:30 p.m. (9 tickets, to be exact). I know it's the day after Thanksgiving, but how about THIS for an informal QRP get-together?

I'd send it to a distribution list of sorts, but alas, this area has SO many QRPers, I doubt it'd be possible.

Price: \$4.00/ticket. Pretty cheap for \$20.00 + seats, huh? Back in September, Giant Food & General Mills ran a promo where if you bought two specific food items, you could send in the receipt and a coupon for a free ticket (of course, you had to buy the food).

I got the crazy idea to just get as many tickets as I could, as I

stockpiled the food, my wife saying to me, "Where are we going to put all of this???" I figured I could take her and maybe move a U of M radio club meeting to the game...until I found out it's during Thanksgiving Break...

Only two weeks ago did the food get to the pantry. The XYL will be on a geological expedition during the weekend.

QRP on/at ice - and no, they're probably not very good seats :) but even the cheap seats are usually \$22. And BTW, they are playing the Islanders.

How 'bout it, people? 1st come, 1st served...

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From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Vernon A. Hatley" <vhatley@flash.net>
Subject: [5111] First QRPp contact...WOW!
Message-ID: <1.5.4.16.19961126080458.280fdf5a@pop.flash.net>

Even though I have enjoyed QRP at the 3 to 5 watt level for sometime, I have never been inclined to drop the power level down below the magical 1 watt barrier. Till last night. For the last few days, the solar flux has been 100 or better, the DX signals have sounded strong on many of the bands; at least at my QTH. So, for some unknown reason when I heard the C6A station calling CQ last night on 30 meter, I reached up and turned the power down to 1 watt; thought to myself, "nahh, not low enough", and dropped the power down to a meager 1/2 watt. I fired my call off the the C6A; not really expecting a reply I started to walk to the kitchen for a cup of hot cocoa. "KK5RO KK5RO TU 559 559 BK" Holy smokes Batman, he really heard me. I was so excited I could barely operate my paddles. I know many of you out there operate regularly at the QRPp watt level and can relate to the wonderful feeling you get knowing your little pip-squeak can be heard in some distant land. This was my first time and it was a very fufilling experience to say the least. If anyone out there is considering QRPp; like Nike says, "just do it."

72

--

KK5RO

Vernon A. Hatley

Shawnee, OK

QRP-L #325

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996

From: Bob Kellogg <ae4ic@nr.infi.net>

Subject: [5153] Fox report -Tuesday, Nov. 26

Message-ID: <199611270429.XAA23101@mh004.infi.net>

YEEEEEEHHAAAAA!!!!!!

What a feeling!! Man, those two hours flew by! I guess I'll never be a competitor, tho, 'cause I just couldn't resist answering some of the weaker stations once in a while, and then having to take time for repeats. Also, if I didn't copy someone's name, I asked for a repeat, even if I knew it. (That's dumb, but it felt good to get the *complete* exchange, anyway)

The band was open to somewhere for two hours straight. Had to move once when it opened to the European QRM, and it took me a while to find a new hole. The hounds were right behind me, though.

I think I only lost one, N5LU. Had to fight the QRM for two or three, K7DD, Hank, and W1HUE, Larry (I hope that call is right, he repeated it 50 times, and every time I heard something different) (and the hounds stood by quietly)

There were a few times when the pileup was so loud and so furious I couldn't pick one call out of the pack. I had to just return partial calls. Most of the time the pack was very disciplined. Although I noticed that if one of the hounds howled, others would sometimes join in. Just couldn't help it, I suppose! I tried to be very consistant with my calls and replies, but sometimes would get carried away and change something. That didn't help.

Thanks a lot to those who hung in there with me through many repeats, and thanks also to those I just didn't get to. I heard many of you, but just wasn't fast enough. Hopefully, you can catch me the next time.

Here's the first pass at the list. I count 53. Let me know if there are errors. Oh, yes, CA - 5, TX - 6, OK next with 4.

UTC	Call	RST	S/P/C	Name	NR
0101	N1QQV	559	CT	KEN	400
0102	N1RXT	559	MA	CHUCK	217
0104	N5ET	559	TX	BOB	123
0106	KA1AXY	559	MA	PETER	260
0108	KK5RO	559	OK	VERNON	325
0110	KE4YH	539	FL	STEW	590

0111	KU7Y	559	NV	RON	17
0113	K1MG	579	CA	MIKE	614
0116	KA5T	599	TX	LARRY	89
0117	K5ID	559	AR	KEN	652
0119	K5RV	549	LA	BRIAN	324
0120	N2VPK	579	NY	MARK	314
0121	W5TFB	559	TX	JACK	282
0123	KA3WMJ	599	PA	KEN	355
0125	WA1QVM	559	MA	JOEL	337
0127	K1VNM	559	NY	BOB	735
0128	W3PNL	599	PA	JOE	5W
0130	AB5UA	559	OK	CLIF	478
0132	AA3MD	589	MD	CRAIG	351
0134	AA0XI	559	CO	MARSHALL	153
0136	NQ7X	449	AZ	FLOYD	343
0138	N8CQA	579	MI	BUCK	41
0139	K4CGY	579	MD	JIM	72
0140	KC1FB	559	CT	JIM	29
0142	KF2PH	559	NY	NICK	13
0145	K7DD	559	MI	HANK	256
0158	NY9B	579	IN	ROY	447
0203	W1HUE	529	ID	LARRY	238
0209	AA7QU	579	OR	RUSS	168
0211	N6MM	569	CA	HARVEY	318
0213	N6XU	569	CA	STAN	66
0214	W6SU	559	CA	JOHN	48
0216	AC8W	569	MI	STAN	5W
0217	W8DN	599	OH	MIKE	575
0219	KE5TF	449	TX	LINDA	5W
0221	VE3JC	569	ON	JOHN	744
0222	N2TO	589	NY	KEVIN	223
0225	W5VBO	559	AZ	BRIAN	404
0227	N2TNN	559	NJ	DEAN	560
0229	NA5N	559	NM	PAUL	38
0232	NA5K	559	TX	SMITTY	84
0233	NN9K	579	IL	PETER	5W
0236	KF8EE	599	OH	TED	303
0237	N8VAR	599	OH	RON	263
0239	NF3I	569	MD	SCOTT	147
0240	W3RM	559	PA	BOB	450
0243	AB5OU	559	NM	TIM	73
0245	N5JKY	559	OK	MIKE	300
0248	K5UP	449	OK	GLEN	21
0253	KK4KF	339	FL	BILL	755
0257	W5FN	449	TX	TIM	658
0258	KQ4AL	559	VA	GROVER	14
0300	K6VNX	559	CA	ARLEN	4W

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [5135] Fox tonight - really
Message-ID: <199611262012.PAA28165@mh004.infi.net>

Gang this the final notice. I'll be the Fox tonight.

Exchange is RST, S/P/C, NAME, QRP-L NR. in that order.

Call: AE4IC
Name: Bob
Freq: 7.035 - 7.038
Time: 8:00-10:00 PM, EST. That's 0100-0300 UTC.
From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [5151] FOX: Got lucky (sort of)
Message-ID: <199611270314.UAA16488@primenet.com>

Spent the hour from 0100-0200Z trying to find AE4IC in all the local QRM. I did find the pileup trying to catch him, but not the critter himself.

Went up to 7112 looking for Brad, KB0ROL and there he was, big as life. A real nice signal into AZ, and nabbed him easily.

Back to 7037 for Bob. His signal finally made it here, abt a 539, but the pileup was big and there were other qso's all around. Lots of folk calling CQ without bothering with QRL? first.
Never did manage to break the pileup, but with the SCAR set down to 230 I was able to filter out most of the QRM.

Thanks, Brad.....kept the evening from being a bust.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [5152] FOX: Got lucky, TWICE
Message-ID: <1.5.4.16.19961126213535.0faf194e@destin.nfds.net>

Went to 7035 at 0100.

Heard NOTHING but static. Searched and searched and searched...NOTHING but static. Did find a couple of QSO's, BUT NO FOX or HOUNDS.

Checked up on 7112 about a half hour before Brad was supposed to show up.
LOTS OF NOISE!

Figured it was another skunked night, but I wasn't giving up hope yet.

0200...Still no Bob, looked everywhere...

0210...Went looking for Brad. Found him. Called him. HE ANSWERED. BANG!
Fox one for the night (my second N/T).

Went back to 7035. QSO's but no fox. Listened around and heard a report in the FOX format. Locked on that signal. Finally started hearing the fox around 0245, weak and QSB'ing. Took a shot and missed around 0250. He got stronger and I took another shot at 0254. KK4K? he replied. KK4KF I responded. BANG! Fox #2 for the night in the bag.

Went into the dining room dancing a little jig singing about how great a hunter I am. Wife looked at me like I was strange and started laughing. She was on the phone with her mom who wanted to know what I was on. Oh well...

Thanks to both foxes tonight. In fact THANKS TO ALL THE FOXES!!!!!!

72/73

--

Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
(Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
^^^^ That's N 9 N V V

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [5116] FOX? Tue and Wed???
Message-ID: <9611261454.AA13011@aud.alcatel.com>

I stay confussed on the issue of the FOX!
Is there a FOX Tue and a FOX Wed????
tnx, 72/73
Dennis K3ETS, Dallas, Home of K5FO

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [5147] FS: MFJ-259 ant. analyzer, much more...
Message-ID: <Pine.3.89.9611262108.A26299-0100000@w3eax.umd.edu>

Some belongs to me, some to KA3RTE...I'm in charge of moving ALL of it...

LOTS of great stuff here...most in NEW condition, some never used.

- 1) Datong ANF automatic/manual notching/peaking filter,
excellent condition, works great. \$50.
- 2) Spi-Ro 40/20m antenna, half in perfect cond, half weathered.
Uses copper wire and traps. Clean half was indoors.
Orig. \$80, half price at \$40.
- 3) MFJ-1704 4-position high-power coax switch with lightning
protection bead. \$60 new, never used, with original packing
and manual. \$48.
- 4) MFJ-931 artificial ground, excellent condition with manual.
\$75 new, asking \$50.
- 5) Ten-Tec Scout module, 80 meters. \$29 new, asking \$23.
- 6) Ten-Tec model 937 11 amp power supply, matches the Scout
perfectly. Perfect cond., with original box (no manual).
\$79 new, asking \$65.
- 7) Heathkit HM-2140 dual watt/SWR meter for HF. Nearly perfect
condition, remote sensing unit, w/photocopy of manual.
Asking \$90. Classic green-over green.
- 8) Heathkit HD-15 hybrid phone patch, perfect cond. save for a
single scratch on the back. With photocopy of manual. \$25.

9) Ramsey PA-10 2m (5 in 30 out) power amplifier for FM.
Excellent condition with box, manual, NO PREAMP. \$40.

10) Kenwood TS-520 with DC power cord, AC cord, VERY fresh
6146B's and 12BY7A driver. Covers 80-10 meters, 80-100
watts output.

Includes external VFO-520, SP-520, and MC-50 desk mic.

Everything with original connectors, cables, and even boxes.
Great backup/starter station, truly in almost new condition.
Asking \$425, will consider parting out...

11) Yaesu FC-901 antenna tuner, very good condition. Four antenna
capability, one of them random wire. Up to 500 watts measur-
able, dual meters. Big, burly antenna tuner (160-10m, WARC
bands not marked but should work OK). \$100.

12) MFJ-259 antenna analyzer, excellent (not perfect) condition,
with box & manual. Works great, \$249 new, asking \$180.

13) Alinco DR-119T mobile 2m radio with CTCSS encode and decode.
Very good cond., with mounting bracket, DTMF mic, box, manual.
Mic occasionally picks up AC hummmmmmm in the ungrounded shack,
unable to trace the source as of yet. \$175/offer.

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From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Ron Giuntini <rong@slip.net>
Subject: [5103] Ham Key Etc
Message-ID: <E0vSH9x-0001vk-00@ferret.slip.net>

All these items have found a new home. Thanks to the group for proving once
again that this equipment is always useful to someone....I was going to get
the Curtis Keyer if nobody else wanted it....Thanks for saving me from
spending more money than I need to....My pal David is now looking for a
place to list a bunch of 16mm movie equipment....Me, I'm waiting for the SST
kits....

Ron

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Peter Zenker <100743.3320@CompuServe.COM>
Subject: [5106] I Built the SIERRA (long)
Message-ID: <961126095300_100743.3320_EHV150-1@CompuServe.COM>

I am the QRP editor of the German ham Radio Magazin FUNKAMATEUR. Since last year we are running a series "Test the kit". This series was installed because my personal point of view is, that QRP not only is a big fun for old hams but QRP is the best way to help young people to become radio amateurs. Only in QRP you give them a chance to have a functional equipment for moderate money. If we would like to have young hams, pupils, students and young workers in our society in future, we have to show them how to do it under social aspects.

Last week I got the SIERRA kit to test it and although I am in time trouble by QRL in the moment, I built the SIERRA last weekend. I started at 1 pm Saturday. Although I have my license since 33 years and built a dozen or so txvrs in the last 2 years, for test purposes I do it exactly as asked to do by the manual.

It was great!

The best manual for newcomers I've seen since the old Heathkit has gone. Missing nothing, finding answers for every question.

At 6 pm I finished the main board, put off the iron to have some fun with the children for the rest of the day ;-(((

Started again at 8am Sunday morning, built the first (3.5 MHz) module. Did all the required test using the newcomer method I found in the manual (I even built that little RF Tester as described).

Result: A living SIERRA on the first try with the minimal Equipment as total newcomers have in their shack. With the standard settings for all pots and caps as described in the manual, all parameters were within the tolerances, the oscillator was only some kHz down the frequency. Listened to the first QSOs at 11am.

Step by step I then did all the alignments as the manual told me, up to the "professional" method and some more for own interests.

In the early evening I built the KC2, (-- In the past I've seen some different PIC controlled keyers, counters and so on, but the KC2 is ingenious.), the ABX mod and the other little things (stop transmitting while programming the keyer, lighten the display) All worked on the first try.

Wayne, you did a great job for the amateur radio community.

The SIERRA is an excellent hightec txvr for portable use. 36 mA current in receive mode (including KC2) is real fantastic for the quality one gets.

But even in the shack, with only little restrictions running very big antennas (using of the stepless attenuator and Matchbox recommended), it does a good job. Its true: using of a selective frontend makes a NE602/612 work even in Europe

By the way, I tried it with that little Z-match as described in SPRAT 84 and the last HAMBREW mag. The Z-match gives so much more selectivity, that i could use the Sierra on 7 MHz in the evening with nearly unattenuated frontend !!

Now I am writing the "Test the kit " article, giving an enthusiastic report about my experience in building a SIERRA. Next Summer it will be my standard station for my Canoe trips.

Peter, DL2FI
G-QRP-1053
Adventure Radio Society 112

http://ourworld.compuserve.com/homepages/Peter_DL2FI
The homepage of the Activity Group QRP Berlin DL0AQB

E-mail von: Peter Zenker, 26-Nov-1996

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Roy Boggs <rboggs@PCC-UKY.CAMPUS.MCI.NET>
Subject: [5129] Index #'s vs MUF
Message-ID: <2.2.32.19961126193007.0067cab0@pcc-uky.campus.mci.net>

Hi everyone,

Band conditions of late on the higher frequencies do not seem to be commensurate with the recent higher index numbers; is it possible that the recent flares are putting out 'something' that causes higher index #'s, yet not contributing to a higher MUF? I am not too knowledgeable about this relationship. Would appreciate any layman's explanations.

de KE4KDT
Roy Boggs

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Roy G. Jackson" <rjackson@adsnet.com>
Subject: [5107] Monday night fox
Message-ID: <199611261121.FAA26260@alice.adsnet.com>

I could hear KB9LGJ calling CQ for most of the two hour period. The signals were just barely above the noise here in NW Indiana. I sent my call once or twice, but really didn't have much hope of completing an exchange. Maybe next time.

Roy G. Jackson Amateur Station NY9B Michigan City, IN.
E-mail: rjackson@adsnet.com (Home) usbscwrc@ibmmail.com (Work)
 ny9b@hotmail.com (Novelty)
ARRL QRP-L #447

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "William O. Reichert" <billnihh@apci.net>
Subject: [5132] Monday night fox
Message-ID: <199611262004.0AA02670@hilly.apci.net>

Tim, on the low end of the band, propagation didn't sound that bad, was hearing lots of Europeans, etc., but was just barely hearing you above the noise, some of time. Had a devil of a time copying your qrp-1 number, that's why I called several times.

At least here, about 20 miles east of St. Louis, MO, the novice band is a mass of bd carriers. There is a strong one on 7110, and a rock crusher on 7115, so pulling a signal out in that region is a challenge. There is also a carrier on 7105, but it is usually weak enough to be of little concern.

However, last nite, your sig was up and down. Sometimes I could hear you very well, but that usually didn't last more than a few seconds. Other times, you were totally inaudible for a minute or so at a time. Still other times I could tell you were there, but wouldn't have been able to copy. I've worked stronger EME signals! (But they don't have static crashes.)

Part of problem here was wx; it was windy, right around freezing, and drizzling until about 0400Z.

Anyway, glad to have been one of your contacts.

72/73
Bill, N9HH, QRP-L 824

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Timothy Gordish <105020.2634@compuserve.com>
Subject: [5130] Monday Novice Fox Report :^(
Message-ID: <199611261438_MC1-C63-76A6@compuserve.com>

Well, it was a long two hours. I'm not quite sure what the problem was. Either propagation was really bad, or no fox chasers were out. I only got 3 contacts and a cramped fist from calling CQ.

Log:

W6EM 569 CA DAVE #294
N9HH 339 IL BILL #824
W1HUE 439 ID LARRY #228

The good news is that I needed both IL and ID on my WAS. I'll be sending QSL's to Bill and Larry. Thanks to all those who were trying but didn't get me last night.

73 de Tim
KB9LGJ
Yuma, AZ
QRP-L #457, ARRL, NORCAL, IDEA, ScQRPion #25.

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5121] More Sunspots
Message-ID: <199611261651.QAA24079@chuck.dallas.sgi.com>

Gang,

First thing this morning I look back at the new images. The spot that was in the center now has moved to the left in the image, but there is another active region coming into view.

And if my eyes are not playing tricks on me there looks like a prominence coming from the sun just below the equator on the right hand side, which usually indicates another active region that should come around in a few days.

So it looks like 20m and up may be the places to be playing during the daylight hours if you guys have the time.

Time to get the GM-17 built and on the air ASAP.

I hope this lasts longer than a few days or weeks.
I'll be back on 30m until the fox comes on and see if I can find you guys. 10.116MHz same bat channel same bat time.
Anyone need TX on 30m? ;-) :-) Looks like the 38-special is going to hit the streets in time. That Doug must have known this was going to happen.

Remember the days when we didn't know about the stuff until weeks after the fact unless we listened to WWV? Are we spoiled or what?

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Ahrens Tim" <tahrens@devmail.sps.mot.com>
Subject: [5115] No Fox, No Hunters??
Message-ID: <9610268490.AA849026426@devmail.sps.mot.com>

Ok, where did everybody go?

Didn't hear a peep out of either group last night, although did hear just about every other call area,, including a bunch of 4s.

Maybe I was in a time warp or something... even called K5FO on phone, got his CW answering machine!! But wasn't quick enough to hold up the phone to the keyer & answer! haha

maybe next time

Tim

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Scott Bauer <ke3nv@erols.com>
Subject: [5150] not DX, but very fun!

Message-ID: <199611270309.WAA08320@smtp1.erols.com>

Good evening ladies and gentlemen,

40 meters was very nice tonight! I just worked KB2JWD/QRPP, Jim, in Waxhaw, NC. He was out in a pasture, in his car, running 750mw to a dipole.

When I first heard him, he was S-8 on my kenwood. When I found out he was QRP, I switched over to my ARK-40 at 3 watts. I could not believe how strong his signal was. There was some QSB, but solid copy for the 1/2 hour ragchew we had.

This was no DX contact, but it sure was fun. I cant remember when I had more fun on the air.

His rig was called the "Spider JR", he said it was in the Nov, 1994 issue of QST and that it came from a kit. Does anybody recall this one, it sure sounded great on the air. I would like to try this one out. I wonder who made the kit?

72 and Good Night, Scott

.....
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, AR-QRP 27

Scott Bauer W3CV (formerly KE3NV, N3RQU) QRP nut SWL
CW Operators QRP Club # 484 (Australia) Grid FM-19, Odenton, MD

.....

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Patrick McVey <mcveyp@kingman.com>
Subject: [5104] pc brd design and/or 4-9er like xcvr
Message-ID: <199611260757.AAA04282@kingserv.kingman.com>

Can anyone direct me to an internet site with pcb layout of:

1. A simple beginner 40m receiver (ala RadioShack kids project)
2. A 40-9er pcb source and parts list

I cannot find evidence that a small xcvr can be built for "< \$50."

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5137] PILEUP TRAINER: FREWARE
Message-ID: <961126203753_70731.722_EHM56-1@CompuServe.COM>

There is on Compuserve hamnet library 7 a nifty CW contest pileup trainer program that is freeware. Name is PED.ZIP

a virtual contest, no radio necessary.

uses controls made to be like the CT contest program.

uses key/paddle input coming over either the parallel port OR joystick port.

buy locally a cheapie 2-way port switch box if using port for something else.

9 station pileup with old 8 bit Soundblaster cards

18 station pileup with Soundblaster 16 cards

1 station pileup (?) with PC speaker

Hrs how to contact the author JE3MAS, Mr. Kozu, if you would like to find where it's available if you don't have Compuserve service, or if you want to add the program to your own online site:

```
> ---->>> CW Pileup  trainer  Ped.exe  Ver 4.11i  by JE3MAS <<<----  
>          Copyright(C) 1993,1994 by MasIII H.Kozu  
>  
>  /* This is a free software.  It can be freely distributed.  */  
>  
>  
> JE3MAS  
> MasIII H.Kozu  
> room 906,10-20,Chuo 3-chome,  
> Joto-ku,Osaka,536  
> Japan  
>  
> (INTERNET:  KHD00751@niftyserve.or.jp)  
>
```

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996

From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5126] Pointer to Sunspots
Message-ID: <199611261826.SAA24517@chuck.dallas.sgi.com>

Gang,

Some may have missed the posting from yesterday,
so here is the info again. I just forget to keep
typing this stuff in:

go to

<http://holly.cc.uleth.ca/solar/>

You'll see a small image of a prominence on the sun
with the hypertext 'Current Solar Imagery' a little
ways down the page.

Go there and click and then go down to the end of the
page that comes up and click on the latest Mauna Loa
H-Alpha image.

Some of you web pagers may want to hyperlink to this
one for guys/gals to surf over to.

For those of you that don't have web access, but
can view .jpg or .gif images we can look into getting
some of the images onto LeHigh.EDU. Let me know and
I'll try to look into it tonight. I will be outta the
country for one week starting on Thursday. No email
where I'm going. ;-)

Someone else in the group put some .WAV audio files on
LeHigh.EDU and I lost your email. Let me know who you
are (I think it was Gary, but not sure) and I'll let
the rest of the group know. These were his recordings
of stations calling him when he was fox. Neat to hear
the other end of your own signal. You can play these
puppies if you have an aiff player.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: na5k@juno.com (Smitty Smith)
Subject: [5146] Portable QRP, CQ WW in Singapore
Message-ID: <19961126.175013.14302.0.na5k@juno.com>

26 November, 1996
From: NA5K

Originally, Daniel Wee, 9V1ZV, came up with the idea of doing a portable QRP operation in Singapore. He knew that the lack of a third party licensing agreement in Singapore had curtailed my hamming for the past few months, and he wanted to give me an opportunity to get on the air from 9V1 land. What a guy!

Daniel is a long-time contributor to this list, and is an active QRPer on 20 meters. There are only about 80 Hams in the entire country of Singapore, and QRP is not one of the most popular modes of operation. In October, my wife was able to join me for 10 days in this beautiful city. We attended the October meeting of the Singapore Amateur Radio Transmitter Society (SARTS) and met several of the local Hams. Daniel was unable to attend that meeting, but Ian Carnegie, 9V1WD, hosted us for the evening. These are wonderful people, I greatly appreciated their hospitality.

Back to the excursion.

Originally, our plans were to just set up a little QRP station on 20 meters. But then we found out that this was the weekend for the CQ WW contest. So we altered the plans to include the CQ WW. If you can't fight em, then you join em.

Daniel and I met up in front of the YMCA on Orchard Road at 5:30PM on Saturday, November 23rd. He was wearing a huge napsack, possibly the largest I have ever seen, filled with equipment. He came prepared. We went next door for a couple of Big Macs and then struck out to the site.

Fort Canning was originally constructed in the 1850's as a fortress and during WW2, it was used by the British as their military headquarters. Currently, all that remains of the old Fort is it's old gateway and the barrels of a couple of 18th century cannons. It has been made into a beautiful park which over looks the city. It is on a sizable hill and has lots of flowers and TREES. This was to be the site of our portable QRP station. BTW, according to Daniel, there had never been a portable QRP excursion in Singapore. We were making history.

We found a suitable place next to the old gateway and started scouting the trees. Daniel had brought a 20 meter dipole, about 6 or 7 meters of RG58, some heavy string and a couple of weights. The antenna went up

with out any problems.

The station consisted mainly of an S&S Engineering ARK-20, an MFJ tuner, a Bencher key and a 6.5 AH Gell cell. In no time at all, we were hearing the familar CQ TEST that we were expecting to hear that evening.

We worked a station in China, then Thailand, Maylasia, etc. These are considered locals to these guys. But, I was having a blast. The QRP station was working fine in the contest. Daniel, who is one heck of a fine CW operator, insisted on my manning the key.

Around dark, we decided that our 20 meter dipole could use some trimming, so we proceeded to lower it and cut off a little at the ends. While the antenna was down, we heard a SHAAAZAPPP, BUZZZZ, ZZZZZ comming from the receiver. The Mercury vapor lights that were set to shine on the old gateway were just comming on, and they were eating us alive.

Now, one nice about qrp, you can move quickly. We found a place that was away from the noise and proceeded to set up the antenna, now a long wire, in the dark. Slinging up an antenna in the dark is not as easy as it is when you have plenty of light. But we managed to get one end of the wire pretty high up in a scarey looking ole tree. The other end was suspended from a light post. Hey, it worked!

By this time the Europeans were comming in strong enough for our little peanut whistle signal. We added Hungry, Swedan, Russia, and others to our log. We didn't hear very much from the states, however.

About 9PM, we decided that it was time to dismantle our station and head home. With the aid of a couple of flash lights (torchlights, if you are in Singapore), we were able to gather it all up and poke it back into Daniel's napsack. We headed back down the hill, Daniel to the MRT station and me to my hotel on Orchard Road.

It was a wonderful experience and I thank Daniel Wee for making all of the plans, getting the approval of the authorities and supplying the equipment. I am looking forward to our next excursion!

73/72,

Smitty, NA5K (Back in Texas for the Holidays)

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [5133] QRP Awards
Message-ID: <961126200022_75230.1405_HHB65-4@CompuServe.COM>

As VP of the Colorado QRP Club, I don't have too much to do officially-- apart from being a heartbeat away from the Presidency, or should I say the Richness, I'm required to represent the Club at the funerals of foreign heads of state and decide tied votes in the Senate, but my real role is of course to make the Prez look good and smile a lot for the cameras. Since I'm so underutilized, I've temporarily accepted the position of Awards Chairman, and so I have the honor of bringing the following to your attention.

Did you know that the Colorado QRP Club offers three formal awards? One is for members only but the other two are available to anyone; all three are more than just wallpaper. They're intended to stimulate and reward QRP activity. And the certificates would look good on the wall of any shack.

First, the members only award is the Board of Directors' Gold Star Award for QRP Activities.

You get the award by earning 500 points through a variety of activities which support the Club, promote the Club, or promote QRP generally. There are several operating activities which earn points, including WAS (with no requirement for QSL card confirmation).

Second, anyone can apply for the COLORADO COUNTIES CERTIFICATE, which is awarded for working at least five separate counties in CO. There are (count them) sixty-three to choose from, so the basic award is pretty easy. But special seals are also awarded for working all of the counties in the five defined regions-- all 5 regions contain some very rare counties. CQC occasionally activates the rarer counties and we expect that sort of activity to increase. And we've decided to drop the requirement for QSL card confirmation.

Finally, there is the CQC Communicator Certificate, which is brand new. You can earn this award by working 50 or more past or present members of CQC, on or after December 1st 1997 (next Sunday).

Full details of all three awards are available on the web site:

<http://www.mtechnologies.com/mthome/cqc.htm>

or you can request the text version by e-mail to me, or you can get hardcopy by sending an SASE to: Colorado QRP Club, Inc., PO Box 371883, Denver CO 80237-1883

73

Marshall

AA0XI/VK5FN

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: cjster1@ix.netcom.com (Craig J. Sterling)
Subject: [5139] Solar Flux
Message-ID: <199611262227.0AA04638@dfw-ix10.ix.netcom.com>

Greetings,

For all of you DX DOGS like myself, the Solar Flux Index has been 100-104 and the geomagnetic field has been and is expected to be quiet to unsettled ... sounds like the XYL! All of this translates into big-time DX OPPORTUNITIES!

I called CQ last Sunday on 20M during the contest(1st contest ever!) and UT9W came back ... almost fell out of my chair! Saturday night around 11:00 PM local time switched to 30M(love ya K5F0!) and answered the CQ (in the clear) of 5R8FK ... Antononarivo, Madagascar! Chatted for about 7-10 minutes and he faded away ... blew me away!

Went into the office a bit late this morning ... checked out 15M about 8:00AM local time ... I thought I was on 20M! Wall to wall sigs!

CHECK IT OUT!,
Craig, AA3MD

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Doug Kahehl <dkahehl@rust.net>
Subject: [5138] Ten Tec QRP
Message-ID: <329B5FEC.5F87@rust.net>

Hello,

Just received new copy of CQ December issue. Take a look at the picture of the new Ten Tec QRP monobander. Page 44 and a paragraph about the rig on Page 45 middle of the column. Nice looking rig..

Doug, K8DK

Happy Holidays From
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 / 0 0 \
(0 0) <| V |> ~/ .. \~ ~/ .. \~
----o00--()--00o----o000o-U-o000o----o00--_{()}--00--o0_{()}_0o
Doug Kristy Amy Lindsay
<http://www.rust.net/~dkahehl>

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "W. D. (Doc) Lindsey" <70511.3041@CompuServe.COM>
Subject: [5145] Too Many Rigs...So FS
Message-ID: <961127001727_70511.3041_IHD103-1@CompuServe.COM>

Gang:

Hard to believe, but I suddenly have too many QRP rigs. This has attracted the attention of my XYL. She suggested it is time for a sale (painful as it is for me!)...so here goes:

1. OHR Classic Dual Bander for 40/20. 0-5 watts output, easily adjustable outside the case. excellent, mint condition, works perfectly. Includes built-in keyer. \$200.00 including shipping in continental USA.
2. OHR400 for 80-40-30-20. Superb rig, recently completely checked and aligned by Dick himself at OHR in Michigan. Nominally 0-5 watts out, but can deliver up to 7 watts out on 80. Mint condition. Includes KC-1 keyer built-in. \$275 including shipping in continental USA.
3. Original Norcal 40. one of the finest rigs you can own. Has the painted two-tone case. \$95.00 including shipping in continental USA.
4. TenTec PM-3a QRP transceiver *plus* AC-5 tuner. Legacy rig for 40 and 20 meters. Excellent condition. \$90.00 for the pair (will not separate) including shipping in continental USA.

These rigs are complete with manuals. I hate to sell anything to do with QRP, but there it is! They will likely go fast.

BTW, they would be great for yourself, or perhaps as gifts. And Christmas *IS* coming ...

73,
--Doc/K0EVZ

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [5143] Tubing for a vertical
Message-ID: <1.5.4.32.19961126235303.00669e40@postoffice.worldnet.att.net>

I'm thinking about making a simple vertical for 17 meters out of some kind of pipe/tubing, and was wondering what others thought would be the best/cheapest (important point here!) type, diameter, etc.

I'm planning on clamping this vertical to the side of some doubled 2x4's that I currently use as a dipole center support. The top of the 2x4's is at 16 feet agl, and about 8 feet above the metal roof over my patio. The vertical would be clamped somewhere around 4-6 feet down from the top of the 2x4's, with the remaining 7-9 feet obviously extending above the top of the boards. I'm picturing maybe 2 pipes, with the top section O.D. being just small enough to be able to slip inside the lower pipe, and be clamped in place, with, say a hose clamp. This is where length adjustments would be made unless - hopefully - someone has a better idea (I don't have a ladder that tall).

I'm wondering if aluminum conduit would work, and if so, what diameter to start with on the bottom half? I could also use a type of PVC suitable for outside use, and run a good sized wire up the middle of it. Again, what diameter should I be looking at for stability? I don't plan on any part of the antenna being guyed, as the 4 or 8 or however many radials will be (somehow) attached to the 2x4's.

Also, any suggestions on the physical feeding of this contraption, since I can't solder the copper coax conductor to the aluminum pipe (if I go that route)?

73,
mike KD0FX
Richland WA

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [5122] update?
Message-ID: <329B2ACB.1D83@pacbell.net>

Hello...has there been an update on the SST project lately?
Thanks..rich
--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ARS, QRP-L & E.C.R.A.

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996

From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [5142] Vibroplex URL?
Message-ID: <199611262313.XAA13708@mail.enterprise.net>

I have been told that the link to the Vibroplex site from my web page
and from the Morsum Magnificat site does not work. Anyone obtained
the correct URL?
Thanks.

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Brian Cieslak <BrianC@ams-i.com>
Subject: [5112] warc bands and awards??
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_1-961126135417Z-211@ams-i.ams-mke>

I know that the warc bands are ham radio holy ground not to be tread on
by contestors, but what about awards??? Can I use those 30M DX contacts
for my DXCC.

Brian AE9K

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "BV"<*1v?aD/bma" <doherty@scranton.com>
Subject: [5141] web page - new address
Message-ID: <199611262310.SAA02499@ns1.scranton.com>

For those who may have links to my page the new address is:

<http://cafe.scranton.com/~doherty>

73 y'all
-73- de N3UVR, Chris Doherty QTH 715 Monroe Ave. Scranton, PA 18510
QRP-L #382 FISTS #2347
<http://www.scranton.com/~doherty>

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: lve1@inel.gov (Larry V East)
Subject: [5123] Wednesday Night Fox
Message-ID: <2.2.16.19961126175012.48c71610@eloi>

In case you missed my post yesterday, please be advised that I will be
starting one-half EARLIER than the time listed in the Fox schedule.

The complete details are as follows:

Date/Time: 0130 - 0330 UTC Nov. 28
1830 - 2030 MST Nov. 27 (Wednesday evening)
Frequency: 7.043 MHz +/- (7.037 MHz +/- if digital QRM shows up)
Exchange: RST, State/Prov/Country(!), Name, QRP-L No. or power
Code speed: Keep it below 30WPM, please!
My equipment:
Rig: Probably QRP+, but could be FT-301 or TenTec 509
Power out: 4.9W (+/- 20%)
Antenna: GAP Voyager vertical (or Inverted Vee for close-in)
My location: Southeast Idaho (that's "ID")

There's usually very little man-made electrical noise at my QTH, so if you can hear me I can probably hear you (QRM and QRN notwithstanding).

QSLing: I answer all cards received. If you want to protect the card that I send to you from the USPS's mutilating machines, then consider sending me an SASE.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: GMPT <hapence@erols.com>
Subject: [5149] WHAT IS TONIGHTS FOX E-MAIL ADDRESS PSE
Message-ID: <2.2.16.19961126220830.214fbc2c@pop.erols.com>

Need E-mail address for tonights FOX.. Tnx Grover

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5136] Re: Fox tonight - really
Message-ID: <199611262021.NAA03915@dancris.com>

At 03:12 PM 11/26/96 -0500, you wrote:
>Gang this the final notice. I'll be the Fox tonight.
>
>Exchange is RST, S/P/C, NAME, QRP-L NR. in that order.
>
>Call: AE4IC
>Name: Bob

>Freq: 7.035 - 7.038
>Time: 8:00-10:00 PM, EST. That's 0100-0300 UTC.
>Date: In America, Tuesday, Nov. 26. UTC, Wednesday, Nov. 27
>QRP-L NR: Yes
>
>Good Luck!! I hope you catch me!
>
>
That's why I couldn't hear you last night! Got my calendar mixed up. Makes me feel much better, tho a bit dumber :^).
73,
Bob KI7MN
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5108] Re: g5rv antenna
Message-ID: <Pine.SOL.3.94.961126063747.8903B-100000@utkux4.utcc.utk.edu>

On Mon, 25 Nov 1996, Jim Hunter wrote:

> I am sure there are several out there that use the G5RV antenna.
>
> Do they work well? Has anyone had any experience with the MFJ g5rv? I
> suppose I will have to get a better tuner than my random wire tuner.

Jim,

Yes, G5RVs do work, especially when fed with ladder line all the way to the shack to an ATU. With this system, I recommend one of the C-L-C or L-C-L networks (PI or Tee) or the Z-match. The antenna is 3.8 wl long on 80, which is just about the minimum for efficient operation, and of course is longer than 1/2 wl on all other HF bands. Hence, it will work quite well. If you have 135', then try the same treatment on the 1/2 wl 80-meter dipole--better pattern on 80 and slightly different patterns on the upper bands. For any of these antennas, put a lot of thought into getting them just as high as you can manage.

Incidentally, there are many G5RV kits available--check around for the best price and highest quality materials. Or just get a couple of 70' rolls of #14 antenna wire from RS, a parallel feedline center clamp from W6EMT, a couple of end insulators, and as long a run of 450-ohm line as you need. Cost: about \$30 or so. Then assemble as carefully as you would have done with a \$100 kit. The kits are convenience, not improvements.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [5117] Re: G5RV antenna

>From: "Michael A. Gipe" <mgipe@reliablemeters.com>
>I have used a G5RV at several locations for close to 20 years. I used
>102 feet total, fed with open wire line and a 4:1 balun, tuned with
>whatever antenna tuner I had at the time, usually a T match. Mike K1MG

Hi Mike, a lot of people use this configuration. Here's what can happen. EZNEC sez that the SWR on 75m is around 20:1. Divide that into the characteristic impedance of the open wire line to see what the minimum impedance can be. $300/20=15$ $450/20=22.5$ The 4:1 balun divides that by 4 resulting in 4-5 ohms at the tuner. As one can see, the balun has transformed the impedance in the wrong direction. OTOH, the maximum impedance possible is $450 \times 20 = 9000$ ohms. I don't know of a commercial 4:1 balun that will match 9000 ohms on 75m. In general, the lossier the balun and tuner, the better the SWR. I know one can get lucky by accident but IMO it is better to get lucky on purpose. :-) A modeling program like EZNEC can come close to predicting what impedance the balun is seeing.

73, Cecil, W6RCA, OOTC

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: torell@sicom.com (Kent Torell)
Subject: [5124] Re: Homemade balun
Message-ID: <v02130500aec0cea6889d@[192.91.202.41]>

Earl writes:

>how about this type of idea but using some pulverized ferrite powder
>such as could be had by pulverizing some of the many pieces of
>ferrite tv yokes that ive been collecting!!...
>... A good chunk of abs or pvc pipe say 12"
>long and say 3/4 to 1 inch dia could house this contraption.
>.... By the way: I think I'll go ahead and
>try building it ...

Sounds good to me, Earl. Ferrites use some type of epoxy binder to hold the ferrite powder together. The ferrite from the TV yokes should be good at low HF frequencies. Air gaps are bad news, so I would try to grind pretty fine, and pack it in the tube fairly tight. On first guess you could measure the inductance by shorting the center cable to the shield. Keep us posted!

72, ab7oa

Kent Torell torell@sicom.com 602-483-2867 x230
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [5131] Re: Monday Novice Fox Report :^(
Message-ID: <v01540b00aec0fab35712@[157.142.56.166]>

>Well, it was a long two hours. I'm not quite sure what the problem was.

(Snip)

>

>W6EM 569 CA DAVE #294

>N9HH 339 IL BILL #824

>W1HUE 439 ID LARRY #228

>

(snip)

>73 de Tim

>KB9LGJ

>Yuma, AZ

>QRP-L #457, ARRL, NORCAL, IDEA, ScQRPion #25.

I heard you working N9HH, but ya disappeared into tha' ether afore I could work ye, ye crafty critter...;)

72/73,

Mike N5JKY

(Oh well, maybe next time...)

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996

From: Bill Myers <bmyers@destin.nfds.net>
Subject: [5134] Re: No Fox, No Hunters??
Message-ID: <1.5.4.16.19961126140739.0907e186@destin.nfds.net>

At 08:40 AM 11/26/96 cst, Ahrens Tim wrote:

>Ok, where did everybody go?

>Didn't hear a peep out of either group last
>night, although did hear just about every other
>call area,, including a bunch of 4s.

Don't feel bad Tim, I didn't hear anyone either. And I also heard from all call districts. At one point I thought I heard a QRZ FOX, but it was gone before I could turn around...

72/73

--
Bill Myers KK4KF FISTS#2390 QRP-L#755 ARRL ARCI#9282
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
 ^^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [5128] RE: Pointer to Sunspots
Message-ID: <01BBDB9A.BC7129C0@muenzlerk.uthscsa.edu>

On Tuesday, November 26, 1996 12:26 PM, chuck
adams[SMTP:adams@chuck.dallas.sgi.com] wrote:

>
>Gang,
>
>Some may have missed the posting from yesterday,
>so here is the info again. I just forget to keep
>typing this stuff in:
>
>go to
>

>http://holly.cc.uleth.ca/solar/
>

Here's another one that you can get with your browser or
FTP client.

ftp://suncub.bbso.caltech.edu/hafulld/xxxxx/

where you replace xxxxx with the year and month of pictures.
For instance November 1996 would be

ftp://suncub.bbso.caltech.edu/hafulld/96nov/

Please connect to this server before 15:00 UT or AFTER 01:00 UT
to allow full utilization of their CPU for image processing.

Kevin, WB5RUE

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: George Dobbs <G3RJV@gqrp.demon.co.uk>
Subject: [5144] Re: Re schematic programs
Message-ID: <x1x\$HGADHsmyEwk8@gqrp.demon.co.uk>

In the UK, the two commonest programs are BOARDMAKER and EASYPC

Both written by the same man - who now owns the company that produce
Boardmaker.

I have use dthem both for SPRAT - they do schematics with a good library
and up to 8 layers of PCB.

Both retail in the UK for around 100 pounds (150 dollars)

The G QRP Club has a multi-user licence for Boardmaker, which I rate as
the better of the two.

72/3

George Dobbs G3RJV
The G QRP Club
g3rjv@gqrp.demon.co.uk

"It is vain to do with more
what can be done with less"
William of Occum (1290-1350)

St.Aidan's Vicarage, 498 Manchester Road, Rochdale, OL11 3HE. U.K.

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [5109] Re schematic programs
Message-ID: <Pine.BSI.3.93.961126075720.14065A-100000@u1.abs.net>

This is not directly related to QRP, but comments on something=20
posted recently. A few days ago, Phil, AC6LS made some=20
comments about schematic drawing programs. He had this to say=20
about KeyCAD complete (which is widely available in a number of=20
stores)=97

Keycad Complete- There is a web page available- no demo. They give=20
it

a good sell and at a nice price. Have had this=20
recommended several times. So at the local Walmart,=20
I found it and went home with it. I DONT LIKE IT!!
I found it hard to use, incomplete/old/inaccurate=20
artwork- a "complete" mess.

I am one of those who recommends it. It is somewhat limited in=20
capability, but the price is pretty good. I use the DOS version, not=20
the Windows version, by the way, and will not comment on that one. =20
They ARE incompatible with each other=97DOS will not read=20
drawings done on Windows and vice versa. I use it heavily for my=20
Idea Exchange column in the QRP Quarterly, and KI6DS uses it for=20
the drawings he does in QRPP.

As for =93incomplete/old/inaccurate artwork=94=97I think he refers to the=
=20
electronic symbols library that comes with it. I=92ve said that from=20
Day One!!! The electronics symbols library is horribly incomplete,=20
poorly done, etc. (I say the same thing about it that Beavis and=20
Butthead would say.) The very first thing I did was to make up my=20
own symbols library, which is vastly superior. No bragging, just=20
plain, observable, provable fact! Mine has many more components,=20
and they also line up nicely with the snap grid size that I like to use.=20
Might not agree with the snap grid sizes that others might like to=20
use, but works for me. My library is available at the qrp-1 ftp area=20
of lehigh.edu, under the tools subdirectory. It=92s actually a drawing=20
with library attached, which is the way keyCAD is set up; all=20
drawings that use a library have the complete library embedded in=20
the drawing file, regardless of how many or how few of the symbols=20
from the library are used. You just take the drawing, erase whatever=20
is on the =93paper=94 and redraw with your own schematic, and save=20
under a new file name. Making your own symbols is easy once you=20

get the hang of it. Documentation, though, is minimal at best, particularly the on-disk help file.

Hard to use? Anything you use is going to have a learning curve! Picking up KeyCAD is not too bad, if you have the time and patience, AND THE MANUAL, which makes it much easier than the on-line help. But even the book isn't all that great, and I'd love to write my own on it if I had the time. (And in some marketing schemes, such as the CD version, I think, you have to send them more money for the manual.) BTW, as I said above, I only know the DOS version. I had the opportunity to try the Windows version, and I had the same comments AC6LS did : -) I did not have a lot of time to put into learning it and it IS quite different from the DOS version so I gave up on it. And I would have had to start from scratch and rebuild my symbol library, too.

Tango was mentioned. Actually, that's Tango Schematic, which is separate from Tango PCB. While it may still be available, even for DOS, we stopped using it at work years ago; we've always been on the cutting edge of their products, always using the latest versions, even a lot of betas, and we've gone through many versions. The latest one we have is the Accel set of tools, such as Accel Schematic, and I believe someone told me even that one is now superseded. But all of the above, while in the serious triple digits of dollars (maybe low 4 digits in some cases?) are nice programs. Maybe a bit pricey for home, but vastly superior to KeyCAD.

AC6LS also mentioned Ivex. I can't say much about that, although I've heard of it. A ham at work told me about it just a couple of days ago, and popped a quick demo on the screen for me. He said it did take some getting used to, but then he's deeply involved with Tango/Accel, so there's a lot of unlearning to be done : -) But the price is good on the Ivex. He said a shareware version can be downloaded free from their web site (www.ivex.com, I think), which is fully functional but limited in drawing size—it can only do up to 100 pins, I think. (A transistor has 3 pins, a 14 pin DIP has 14, etc, so you can only do relatively small schematics.) He said the \$29.95 version he bought at a local electronics store, an NTE dealer, does something like 200 or 220 pins, and the unlimited version is something like a couple of hundred dollars. They also have a fairly good (according to him) PCB program, although it does not have an autorouter.

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Doug Kaherl <dkaherl@rust.net>
Subject: [5148] Re: Ten Tec QRP
Message-ID: <329BAB56.2B88@rust.net>

More info about the new rig...

Here it goes. According to the photo of the new Ten Tec QRP transceiver. It measures only 2.5"H X 6.0"W X 5.5" D. The kit is quite reasonably price, easy to build and covers any selected 50 kHz range of 80, 40, 30, or 20 meters. It sports a varactor-tuned and temperature-compensated VFO, sensitive receiver with 1kHz bandwidth, 4 pole IF crystal filter, audio-dirived AGC, RIT and built-in speaker. The rig pumps out a clean 3 watt signal, and includes a sidetone, plus Ten Tec's famous solid state T/R switching. Power requirements are 12-14 volts at only 30 ma. receive and 800 ma transmit, making it an ideal camping or portable unit. This new transceiver promises to be a winner. Call Ten Tec to have it delivered to your door. Per CQ magazine 12/96

Doug, K8DK

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [5125] Re: VIRUS WARNING!
Message-ID: <199611261825.SAA07935@mail.enterprise.net>

Here we go again!
For heaven's sake will we ever get rid of this Good Times hoax? It seems to rear it's ugly head every few weeks.

From owner-qrp-1@Lehigh.EDU Tue Nov 26 23:12:37 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [5114] RE: warc bands and awards??
Message-ID: <01BBDB73.E3B48080@muenzlerk.uthscsa.edu>

On Tuesday, November 26, 1996 7:54 AM, Brian Cieslak[SMTP:BrianC@ams-i.com] wrote:
>I know that the warc bands are ham radio holy ground not to be tred on

>by contestors, but what about awards??? Can I use those 30M DX contacts
>for my DXCC.

>

>Brian AE9K

>

>

The official word from the ARRL is that there is to be no contesting
on the WARC bands. But contacts on those bands do count toward awards
such as WAS, WAC, DXCC, etc. There are however no WAS-30, WAS-17,
WAS-12.... The same goes for DXCC and WAC.

Kevin, WB5RUE